

MULTILAYER BEAD ARRAY

Series BA - H *Large Currents*



FEATURES

- ◆ Multiple-line EMI Suppression
The Chip Array series contain four ferrite beads in a single package. This compact design makes this series are perfect for EMI suppression on multiple-lines.
- ◆ High Density Packaging
The Chip Array series have a compact package design that is an ideal for high density packaging.
- ◆ Multi-frequency Applications
These Chip Array series are available in X-type and H-type. The A-type chip arrays are designed for lower frequency applications.
The H-type chip arrays are designed for high frequency applications.

APPLICATIONS

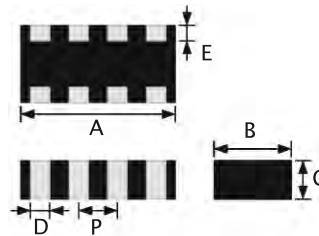
- ◆ Computers, Printers, Hard Drives, CD-ROMs
Monitors, Motherboards, Televisions

PRODUCT IDENTIFICATION

BA 10 H 05 2 S 120R
 a b c d e f g

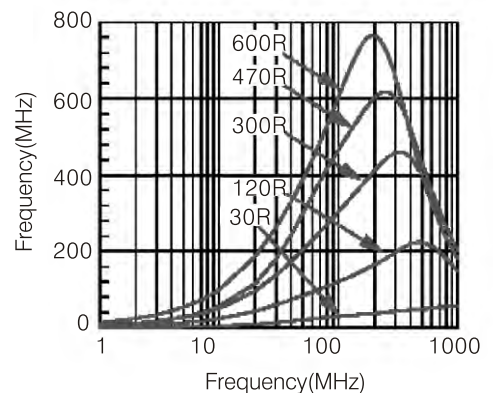
- a : Type of products - BEAD ARRAY
- b : Dimension(mm) - 10 : 1.0, 16 : 1.6
- c : Materials - H : HIGH CURRENT
- d : Thickness(mm) - 05 : 0.5, 09 : 0.9
- e : Packing - PCS / REEL - 2000
- f : Tolerance - S : $\pm 25\%$
- g : Inductance - 40R = 40 Ω , 1K=1000 Ω

DIMENSIONS



Type	Alias in mm	Alias in inch	A	B	C	D	E	P	in mm
BA10H05	2010	0805	2.0 \pm 0.2	1.0 \pm 0.2	0.5 \pm 0.1	0.25 \pm 0.15	0.2 \pm 0.15	0.5 \pm 0.1	
BA16H09	3216	1206	3.2 \pm 0.2	1.6 \pm 0.2	0.9 \pm 0.2	0.4 \pm 0.2	0.3 \pm 0.2	0.8 \pm 0.1	

Typical electrical characteristics curves for the series of chip bead arrays. The Array series chip arrays have a wide range of impedance characteristics and are ideal for multi-line applications.



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Series BA - H Large Currents ELECTRICAL CHARACTERISTICS

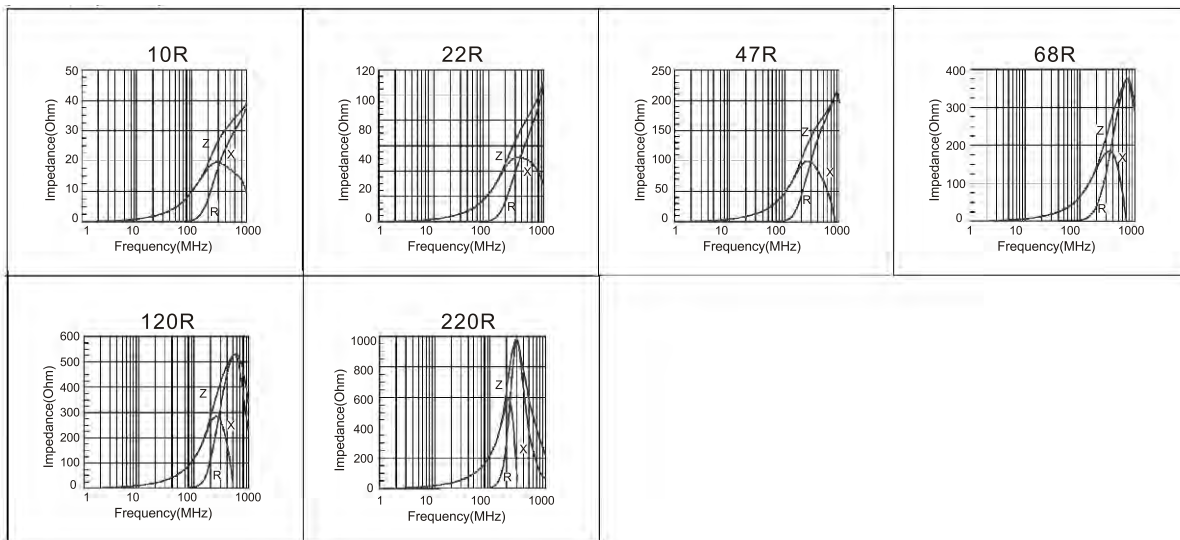
Type	Alias in mm	Alias in inch	Impedance (Ω) $\pm 25\%$ @100 Mhz	RDC (Ω) max.	IDC (mA) max.
BA10H054S10R	2010	0804	10	0.10	200
BA10H054S22R			22	0.20	200
BA10H054S47R			47	0.35	200
BA10H054S68R			68	0.50	100
BA10H054S120R			120	0.60	100
BA10H054S220R			220	0.80	100
BA16H093S60R	3216	1206	60	0.80	150
BA16H093S120R			120	0.80	150
BA16H093S220R			220	0.80	150
BA16H093S470R			470	1.00	150
BA16H093S600R			600	1.50	100

Tolerance : $\pm 25\%$

Operating Temp range : $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Typical electrical characteristic curves

BA10H054S



BA16H093S

